

Supplemental Table 1: Fertility of female mice treated neonatally with oral GIN.

	2 Months			4 Months			6 Months		
Treatment	Vaginal Plug +	# Mice with Live Pups	Average # Live pups	Vaginal Plug +	# Mice with Live Pups	Average # Live pups	Vaginal Plug +	# Mice with Live Pups	Average # Live pups
Corn oil (total)	11/16 (69)	11/11 (100)	12.6 \pm 0.8	9/16 (56)	9/9 (100)	13.7 \pm 0.5	7/16 (44)	7/7 (100)	12.9 \pm 0.5
Genistin-6.25	7/16 (44)	6/7 (86)	14.2 \pm 0.5	10/16 (63)	9/10 (90) ^a	13.0 \pm 0.9	11/15 (73)	11/11 (100)	12.9 \pm 0.6
Genistin-12.5	7/16 (44)	7/7 (100)	11.3 \pm 2.0 ^b	11/16 (69)	8/11 (70)	12.3 \pm 0.8	7/16 (44)	6/7 (86)	12.2 \pm 1.6
Genistin-25	11/16 (69)	9/11 (82)	12.6 \pm 0.6	12/16 (75)	11/12 (92)	12.1 \pm 0.6	10/16 (63)	4/10 (40)*	7.3 \pm 2.4 ^{c**}
Genistin-37.5	7/12 (58)	5/7 (71)	8.2 \pm 1.2**	12/16 (75)	8/12 (67)	10.1 \pm 1.5	6/16 (38)	2/6 (33)*	8.0 \pm 1.0**

Number in parenthesis are %.

^a One mouse did not deliver by 2 days late, mouse was euthanized and 16 fully formed pups were found but were pale and apparently dead.

^b One mouse delivered only 1 live pup, included in average litter size.

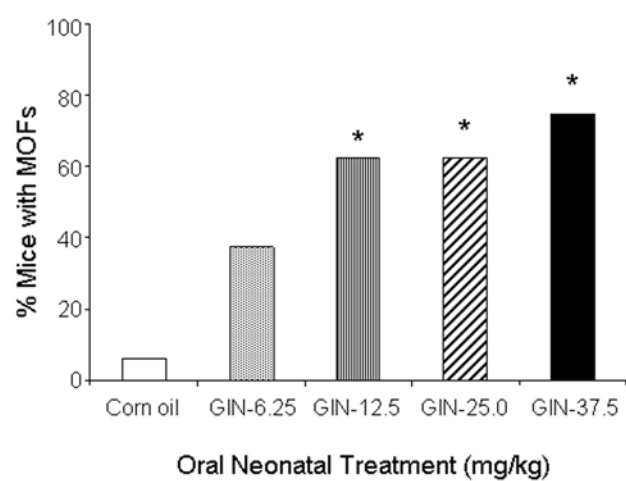
^c One mouse delivered only 1 live pup, included in average litter size and one mouse delivered 3 dead pups 3 days late, not included in average litter size.

* Differs significantly from corn oil controls using two-sided Fisher's exact test $p < 0.05$.

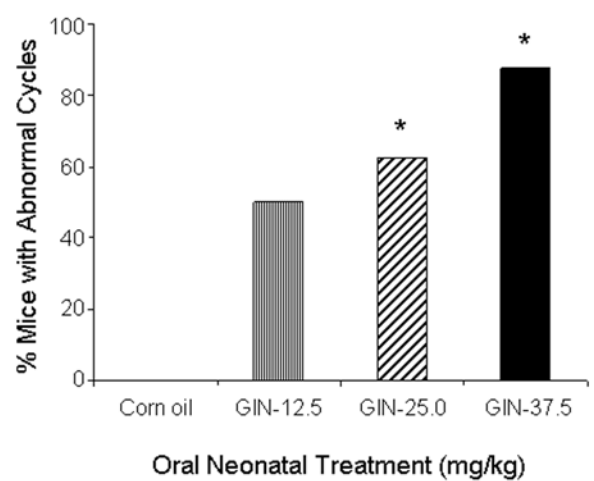
** Differs significantly from corn oil control using Mann-Whitney $p < 0.05$.

Supplemental Figure 1

A.



B.



Supplemental Figure 2

